

A low-angle photograph of a modern glass skyscraper with a blue sky in the background. The building's facade is composed of many rectangular glass panels reflecting the sky.

Flexible Submetering Solutions for Multiple Applications

Load profiling and energy monitoring for
industrial and commercial buildings



Complete Metering Solutions by VerifEye™

COST-EFFECTIVE AND FLEXIBLE INDUSTRIAL METERING SOLUTIONS

Growing demand for building owners to meet energy codes, lower demand charges, allocate costs and bill tenants has increased the need for a flexible, cost-effective submetering solution. Combined with the challenge of installing equipment in existing buildings, building owners and facility managers need flexible solutions that work in a variety of locations and applications.

The Leviton VerifEye Series 4000 Industrial ModBus Meter satisfies these requirements with a versatile platform featuring:

- Revenue Grade Accuracy
- Universal Voltage and CE Compliance
- Wall or DIN Rail Mount Options
- Industrial Temperature Range
- Rogowski CT Compatibility

PROBLEM

A contractor needs to install a submeter for use in a variety of global applications and environments while staying within a budget.

- Varying environmental factors such as temperature and humidity
- Mounting requirements vary by site
- Voltage and frequency vary by location
- Load sizes and requirements vary by site
- Certifications required for project
- Revenue-grade accuracy required in certain project locations

SOLUTION

A cost-effective, easy-to-use submetering solution for multiple locations and a variety of applications.

- The VerifEye Series 4000 Industrial ModBus Meter Kits offer industrial temperature ratings of 22°F to 158°F (-30°C to 70°C) and an optional NEMA 4X enclosure for use in virtually any environmental application
- Flexible mounting options allow for DIN Rail panel mount or a NEMA 4X Enclosure
- International compliance for both 50Hz and 600V applications as well as CE certification
- Universal voltage range (90-600VAC) and Rogowski rope CTs allow for flexible amperage readings of 20-5000A
- Revenue grade accuracy for billing (ANSI C12.20 0.5%)

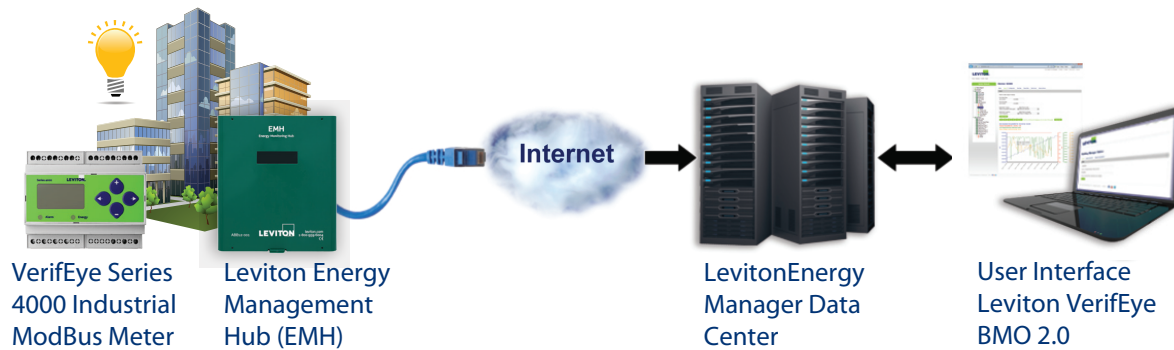
Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538 • www.leviton.com

© 2014 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

BASIC SUBMETERING SOLUTION

Simple, Effective, Solution for Industrial Energy Management



Target Opportunities

• International Applications

- Contractor wants a device that can be sold both domestically and internationally
- Bidding on Canadian 600V applications
- Does not want to stock multiple CT types or meters
- Requires a revenue grade meter
- Ability to log data (Plug-and-play driver support with EMH) and work seamlessly with VerifEye BMO 2.0

• Tenant Submetering

- Revenue-grade accuracy
- Must be ANSI C12.20 (0.5% compliant)
- Requires CTs that be flexible in conductor sizes
- Requires flexibility in mounting options and enclosures

Target Opportunities

• Industrial Applications

- Flexible mounting options required
- Must be rated for industrial temperatures
- Needs NEMA Enclosure option to protect from debris
- Requires revenue-grade ANSI approval

• OEM Opportunities

- Compact footprint for panel or DIN Rail Mount
- Flexible platform for both voltage, amperage and frequency
- Provides revenue-grade accuracy
- Custom branding
- Certified for international compliance (CE)

What You'll Need for an Integrated Solution

BASIC INTEGRATED METERING SOLUTION

	VerifEye Series 4000 Industrial ModBus Meter Kits 4KUMR* (Indoor DIN Rail Mount), 4OUMR* (Outdoor NEMA Enclosure) • Universal, 3 Phase Industrial Meter with Split Core or Rogowski CTs with DIN Rail Mount or NEMA 4X Enclosure	1
---	---	---

* See VerifEye Series 4000 Industrial ModBus Meter Kits data sheet for amperages and available CTs and accessories

Contact your Leviton representative for additional smart solutions to expand and upgrade your system.

Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 • Tech Line: 1-800-824-3005 • Fax: 1-800-832-9538

Leviton Manufacturing Co., Inc. Lighting & Energy Solutions

20497 SW Teton Avenue, Tualatin, OR 97062 • Tel: 1-800-736-6682 • FAX: 503-404-5594 • Tech Line (6:00AM-4:00PM P.S.T. Mon-Fri): 1-800-959-6004

Leviton Manufacturing of Canada, Ltd.

165 Hymus Boulevard, Pointe Claire, Quebec H9R 1E9 • Telephone: 1-800-469-7890 • FAX: 1-800-563-1853

Leviton S. de R.L. de C.V.

Lago Tana 43, Mexico DF, Mexico CP 11290 • Tel. (+52) 55-5082-1040 • FAX: (+52) 5386-1797 • www.leviton.com.mx

Visit our Website at: www.leviton.com

© 2014 Leviton Manufacturing Co., Inc. All rights reserved. Subject to change without notice.

G-9288/F14-aa